



THE PHYSICIAN'S *Bookshelf*

PHYSIOLOGY OF THE CIRCULATION IN HUMAN LIMBS IN HEALTH AND DISEASE—John T. Shepherd, M.D., M.Ch., D.Sc., Professor of Physiology, Mayo Foundation Graduate School, University of Minnesota, Rochester, Minnesota; Consultant, Section of Physiology, Mayo Clinic; Formerly Reader in Physiology, The Queens University of Belfast. W. B. Saunders Company, West Washington Square, Philadelphia 5, Pa., 1963. 416 pages, 179 illustrations, \$12.00.

This book is timely; the physiology of the human limb circulation as it pertains to general circulatory disorders and peripheral vascular disease has not been so clearly and authoritatively reviewed in English since the publication of Abramson's monograph in 1944.* This field of study has not been popular in America in recent decades. Therefore, Dr. Shepherd's work is particularly valuable because it correlates and brings into focus the foreign literature, most of which has come from the British laboratories.

The first 271 pages deal with the basic physiology of the nervous, local and humoral control of the cutaneous and muscular circulations. Chapters are devoted to the effects of sympathectomy, of exercise and of physical agents such as temperature and pH. Detailed attention is given to the influences of the better-known naturally occurring vasoactive agents, including the catecholamines, histamine, 5-hydroxy-tryptamine, vasopressin, oxytocin, bradykinin and angiotensin. A chapter summarizes the current knowledge about the "capacity" function of the low-pressure vessels. The lymphatic system is not discussed.

The remaining 129 pages are concerned with pathologic phenomena. After a thorough consideration of intermittent claudication and of Raynaud's syndrome, a number of problems not usually considered in books on vascular disease are reviewed, e.g., essential hypertension, pheochromocytoma, idiopathic orthostatic hypotension and several metabolic and neurologic disorders.

This does not pretend to be a complete textbook of circulatory disorders. Appropriately, the greatest emphasis has been given to areas where concepts are changing because of new knowledge and to those areas where the author has made personal contributions. The book was intended as a survey for scholars entering the field and as a source book for investigators working in circulatory physiology and clinicians dealing with cardiovascular diseases. It should serve effectively in these roles because it is comprehensive, clearly written and well illustrated. Readers who are unfamiliar with the field will find the material rather highly condensed. Amplification is provided for by the carefully selected references listed at the end of each chapter and cited in the text.

ELLEN BROWN, M.D.

*Abramson, David I.: *Vascular Responses in the Extremities of Man in Health and Disease*, University of Chicago Press, Chicago, 1944.

KNOW YOUR SCHOOL PSYCHOLOGIST—Wilma E. Hirst, Ed.D., Coordinator of Guidance and School Psychologist, Cheyenne Public Schools, Cheyenne, Wyoming. Grune & Stratton, Inc., 381 Park Avenue South, New York 16, N. Y., 1962. 240 pages, \$6.75.

This book attempts a comprehensive description of the school psychologist's role in relation to individual children, the school, and the community. It is a clearly written and very readable text utilizing frequent case study examples for illustration and emphasis. As with many books, however, which attempt to cover all aspects of a broad field of study within fairly limited space *Know Your School Psychologist* seldom deals with issues at any depth.

This book will undoubtedly prove useful to teachers and parents who will gain a perspective of the part school psychologists can and should play in the educational system. Physicians will also get an overview of the field of school psychology although Dr. Hirst has not fully explored the collaborative possibilities of the medical-psychologic relationship in the school setting.

The major contribution of *Know Your School Psychologist* is found in its broad statement of the school psychologist's orientation and skills and in the setting of realistic expectations for lay and professional individuals with regard to his place on the school team.

FRANK M. HEWETT, Ph.D.

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GASTROENTEROLOGY—VOLUME I—SECOND EDITION—Henry L. Bockus, M.D., Emeritus Professor of Medicine, University of Pennsylvania Graduate School of Medicine, and Present and Former Colleagues at the University of Pennsylvania Graduate School of Medicine and School of Medicine. W. B. Saunders Company, Philadelphia, Pa., 1963. 958 pages, \$25.00.

This long awaited second edition of the only comprehensive textbook on gastroenterology in the English language appears seventeen years after the initial edition. Completely rewritten, volume I on the *Examination of the Patient and the Esophagus and the Stomach* will be followed by two subsequent volumes on other segments of the gastrointestinal tract and the liver, pancreas and biliary tract.

Since the book has been written by Dr. Bockus and the members of his "school" it has, as the preface states, a "certain uniformity in method and in philosophy of content." This fortunate circumstance gives the volume the unity often lacking in a work by multiple authors. The reader is immediately impressed with the basic clinical approach to the patient and to the diseases discussed. This is a clinical book, for clinicians, readable, understandable and practical. For the practicing physician there is sufficient discussion of the anatomic, biochemical, physiologic and pathologic aspects of disease to give him a background and understanding of the clinical features of the diseases of the esophagus and stomach and the diagnosis and treatment of them. Indeed, the gastroenterologist, the internist, the ab-